



1645

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0081

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/016,647	
	Filing Date	Dec 10, 2001	
	First Named Inventor	Friddle, Carl Johan	
	Group Art Unit	1645	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	5	Attorney Docket Number	LEX-0284-USA

RECEIVED
DEC 16 2002
TECH CENTER 1600/2900

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Return Postcard
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Supplemental Form PTO1449 and copies of 10 references cited
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	- International Search Report as Reference CR
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lexicon Genetics Incorporated Lance K. Ishimoto Reg. No. 41,866
Signature	Lance K. Ishimoto by David W. Haber DAVID W. HABER REG. NO. 41,071
Date	December 11, 2002



24231

PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Arlington, VA 22202 on this date: December 11, 2002	
Typed or printed name	Michelle Klein
Signature	Michelle Klein
Date	December 11, 2002



P#6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Friddle et al.

Application No.: 10/016,647

Filed: December 10, 2001

Title: Novel Human Ion Channel Protein
and Polynucleotides Encoding the Same

Attorney Docket No.: LEX-0284-USA

Group Art Unit: 1645

Examiner: To Be Assigned

TECH CENTER 1600/2900

RECEIVED
DEC 16 2002

Assistant Commissioner for Patents
Box AF
Arlington, VA 22202

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Supplemental Information Disclosure Statement is submitted:

X under 37 CFR 1.97(b), or

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

— under 37 CFR 1.97(c) together with either a:

— Certification under 37 CFR 1.97(e), or

— a \$240.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

— under 37 CFR 1.97(d) together with a:

— Certification under 37 CFR 1.97(e), and

— a petition under 37 CFR 1.97(d)(2)(ii), and

— a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.



24231

PATENT TRADEMARK OFFICE

The relevance of the attached references is that under 37 CFR § 1.97 (e)(1) each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application corresponding to the above-identified application not more than three (3) months prior to the filing of this Information Disclosure Statement.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement to Lexicon Genetics Deposit Account No. 50-0892. A copy of this sheet is enclosed.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

December 11, 2002
Date

Lance K. Ishimoto by David W. Heben *DAVID W. HEBER*
Lance K. Ishimoto Reg. No. 41,866

LEXICON GENETICS INCORPORATED
8800 Technology Forest Place
The Woodlands, TX 77381
(281) 863-3333

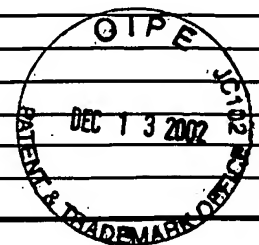


24231

PATENT TRADEMARK OFFICE

Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/016,647
				Filing Date	December 10, 2001
				First Named Inventor	Friddle
				Group Art Unit	1645
				Examiner Name	Not Yet Assigned
Shee	1	of	1	Attorney Docket Number	LEX-0284-USA

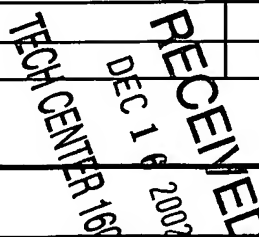
(use as many sheets as necessary)



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number ⁴	Kind Code ⁵ (if known)			
	CI	DE	198 41 413 C		FORSCHUNGSGESELLSCHAFT GENION	09-23-1999	
	CJ	WO	96 03415 A		HUMAN GENOME SCIENCES INC	02-08-1996	
	CK	WO	00 01811 A		ICAGEN INC	01-13-2000	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	CL	THE SANGER CENTRE (uk) AND THE WASHINGTON UNIVERSITY GENOME SEQUENCING CENTER (USA): "Toward a complete human genome sequence" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, "ONLINE!" VOL. 8, NO. 11, xp002169000, ISSN: 1088-9051				
	CM	DATABASE EBI 'Online! 16 March 2000, "Homo sapiens BAC clone RP11/804P20 from 2, complete sequence" retrieved from EBI Database accession no. AC025750				
	CN	BONALDO FATIMA DE ME ET AL: "NORMALIZATION AND SUBTRACTION: TWO APPROACHES TO FACILITATE GENE DISCOVERY" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, vol. 6, no. 9, 1 September 1996, pages 791-806, XP02039972, issn: 1088-9051				
	CO	DATABASE EBI 'Online! 7 July 1998, "UI-R-CO-jl-g-04-0-UI-R-CO Rattus norvegicus cDNA clone" retrieved from EBI Database accession no. AI043703 abstract				
	CP	MAHAIRAS G G ET AL: "SEQUENCE-TAGGED CONNECTORS: A SEQUENCE APPROACH TO MAPPING AND SCANNING THE HUMAN GENOME: PROCEEDING OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 96, August 1999, pages 9739-9744, XP002936727, ISSN: 0027-8424				
	CQ	DATABASE EBI 'Online! 17 April 1999, MAHAIRAS, G.G. ET. AL: "HS_5066_A2_E01_T7A RPCI-11 Human Male BAC Library Homo sapiens genomic clone" retrieved from EBI Database accession no. AQ402619				
	CR	International Search Report				



Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial